



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shah et al.	Examiner:	Long PHAM
Serial No.:	10/671,996	Group Art Unit:	2814
Filed:	September 26, 2003	Docket:	047711/0319
Title:	MULTILAYER SUBSTRATE		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as Express Mail (EV445624917US) with sufficient postage, in an envelope addressed to: Commissioner for Patents, Alexandria VA 22313 on March 22, 2005.

By: _____

Richard Ruggiero
Richard. Ruggiero

Commissioner for Patents
Alexandria, VA 22313
Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement Transmittal (in duplicate)
- ☒ Form PTO/SB/08
- ☒ Cited References (11)
- ☒ Copy of PCT search report
- ☒ Return postcard

Please charge any fees associated with this transmittal to Deposit Account No 50-0872. A duplicate of this sheet is enclosed.

Date: March 22, 2005
FOLEY & LARDNER LLP
2029 Century Park East
35th Floor
Los Angeles, CA 90067-3021
1-310-277-2223 Office
1-310-557-8475 Fax

By: _____
Name: Ted Rittmaster
Reg. No.: 32,933
TRR/rsr



Atty. Dkt. No. 047711-0319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rajiv SHAH et al.
Title: HIGH RELIABILITY
MULTILAYER CIRCUIT
SUBSTRATES AND METHODS
FOR THEIR FORMATION
Appl. No.: 10/671,996
Filing Date: 09/26/2003
Examiner: Long PHAM
Art Unit: 2814

CERTIFICATE OF EXPRESS MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EV445624917US

(Express Mail Label Number)

(Date of Deposit)

Richard Ruggiero

(Printed Name)

Richard Ruggiero
(Signature)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.704(d) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

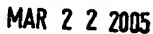
Respectfully submitted,

Date March 22, 2005

By 

FOLEY & LARDNER LLP
Customer Number: 23392
Telephone: (310) 975-7963
Facsimile: (310) 557-8475

Ted R. Rittmaster
Attorney for Applicant
Registration No. 32,933



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

Complete if Known

Application Number	10/671,996
Filing Date	09/26/03
First Named Inventor	Shah et al.
Group Art Unit	2814
Examiner Name	Long PHAM

Attorney Docket Number	047711-0319
------------------------	-------------

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	3,294,653		Harry N. Keller et al	12/27/1966	
	A2	3,379,568		Robert E. Holmes	04/23/1968	
	A3	4,911,796		Reed	03/27/1990	
	A4	4,952,420		Walters	08/28/1990	
	A5	2003/0016116		Blaha	01/23/2003	

[illegible]

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A12	PCT International Search Report as issued in International Application Number PCT/US04/028600, Mailing date March 16, 2005.	

Date
Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.